Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 06 Feb 2021 until 23:59 on Sunday 07 Feb 2021

Forecast Issued on Friday 05 Feb 2021 at 12:43

Confidence: High for staying cold through the forecast period with periods of snow and strong easterly winds, but lower with regard to cloud and snow amounts

Headline for Saturday 06 Feb 2021: Cloudy and showery with snow on the tops and increasingly turning to snow at lower levels during the day.

Mountain weather hazards on Saturday 06 Feb 2021

Blizzards
Medium Likelihood

Heavy Snow
High Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Light snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow
Precipitation probability							
80%	50%	60%	70%	90%	80%	80%	70%

Forecast for Saturday 06 Feb 2021

Weather: Cloudy and showery overnight with snow over the tops. Perhaps some drier, possibly brighter conditions in west at times, but a mainly cloudy and showery day. Some heavy showers, with snow on the tops and increasingly down to low levels with blizzard conditions at times, especially in higher slopes.

Chance of cloud free mountain/hill tops above 600m: Possibly 40% in west at times, but mainly 20% or less

Visibility: Lengthy periods of cloud down to 500 or 600m, but 400 m at times in east. Good visibility away from and beneath cloud, but falling to a few kilometres or less in showers and near nil in blizzards.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Saturday 06 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 E	16/24 E	17/27 E	19/28 E	21/33 E	24/37 E	25/40 E	26/41 E	25/39 E
300	10/22 E	11/22 E	12/25 E	15/28 E	17/32 E	17/35 E	18/37 E	20/40 E	18/37 E
Valley	10/22 E	8/20 E	11/23 E	12/25 NE	14/29 E	14/31 E	16/34 E	15/33 E	14/31 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	1/-5	1/-5	0/-6	-0/-7	-1/-9	-2/-10	-3/-11	-3/-11
300	4/-0	3/-1	3/-1	2/-3	2/-4	1/-5	0/-6	-0/-7	-1/-8
Valley	5/2	5/2	4/1	4/0	4/-0	3/-1	2/-4	1/-4	1/-4
Freezing Level*	900m	900m	800m	600m	500m	400m	200m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe chill should be expected especially on the higher tops, even with lighter winds in morning. Lying snow building up, perhaps some drifting at higher elevation. Blizzards and ice will bring difficult if not dangerous conditions at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 05 Feb 2021	2.6mm	10mm	41.8mm

Forecast for Sunday 07 Feb 2021

Weather: Most showers dying out overnight, then a mostly dry, bright but rather cloudy day, with some sunny spells, but also a few snow showers, especially onto eastern slopes. Feeling very cold.

Maximum wind: East or northeast 20-25mph, but 30-35 gust 45mph over the tops, especially in any showers.

Chance of cloud free mountain/hill tops above 600m: 60%

Visibility: Occasional broken cloud down to 600m, perhaps 450m in any snow showers. Generally very good or excellent out of cloud, but some sun glare off lying snow.

Temperature: **Valleys:** Minus 1 C to plus 2 C
At 600m: Minus 4 or minus 5 C
Freezing level: 200m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved